



ORECK®

Oreck Touch® Bagless Upright Series Service Manual

The Oreck Manufacturing Company

ORECK®

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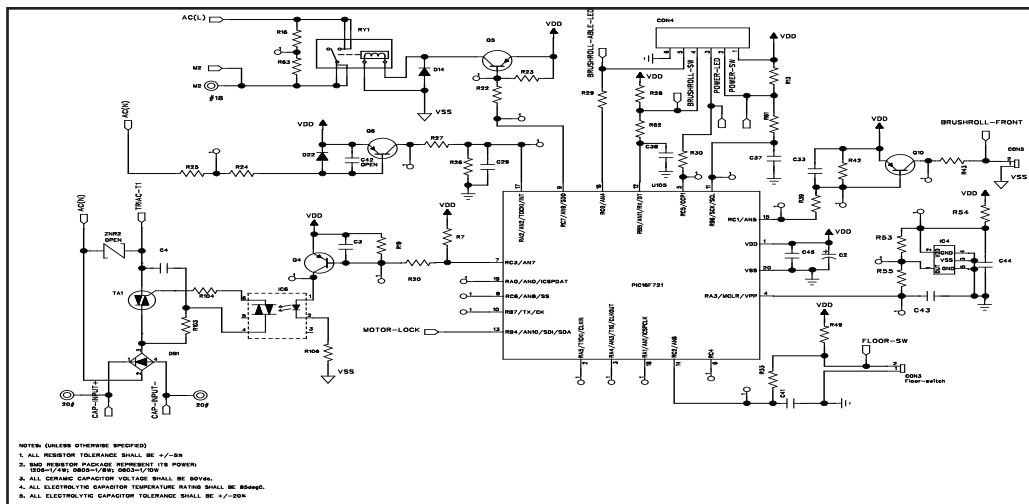
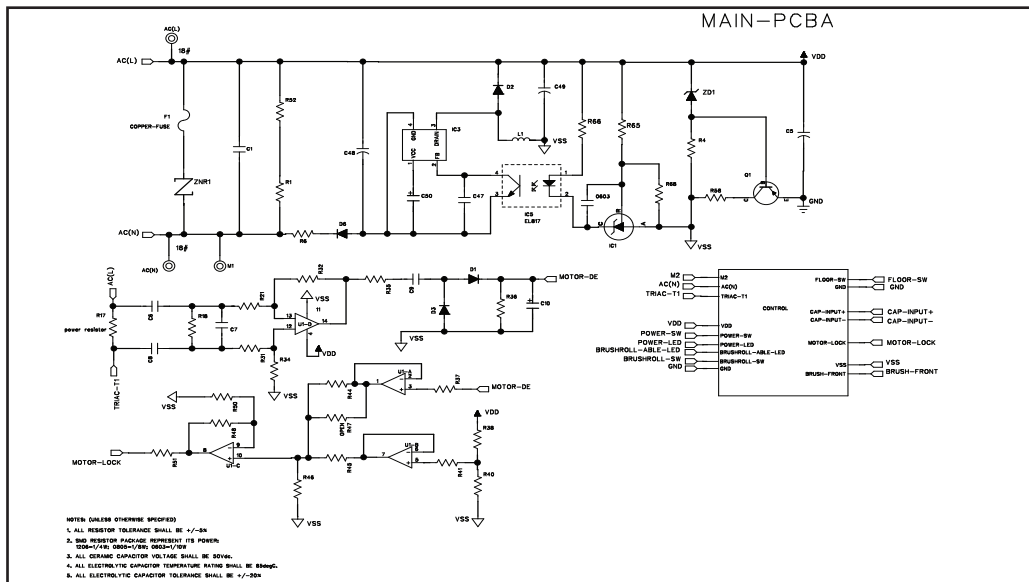
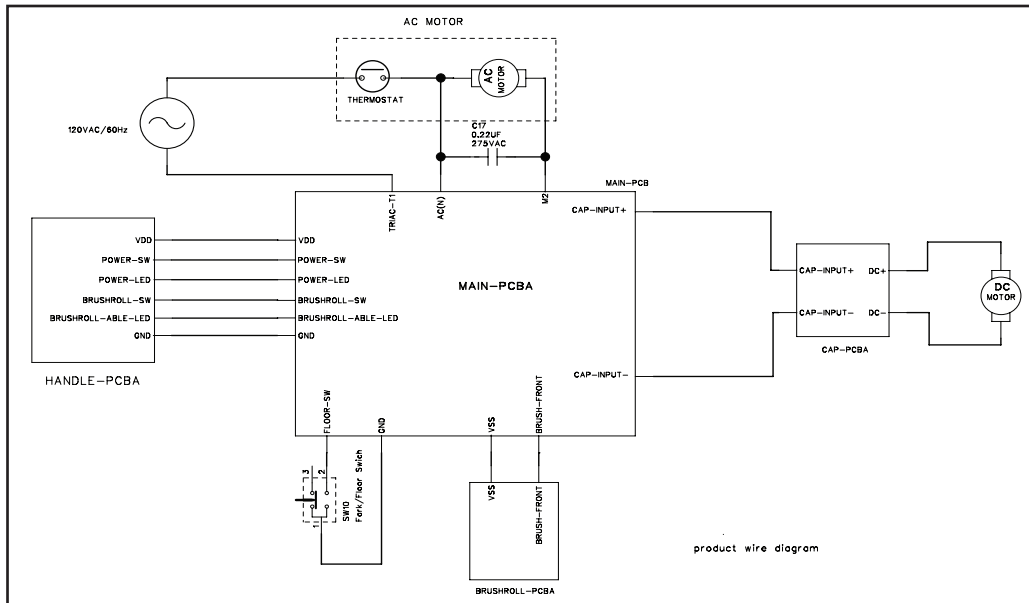
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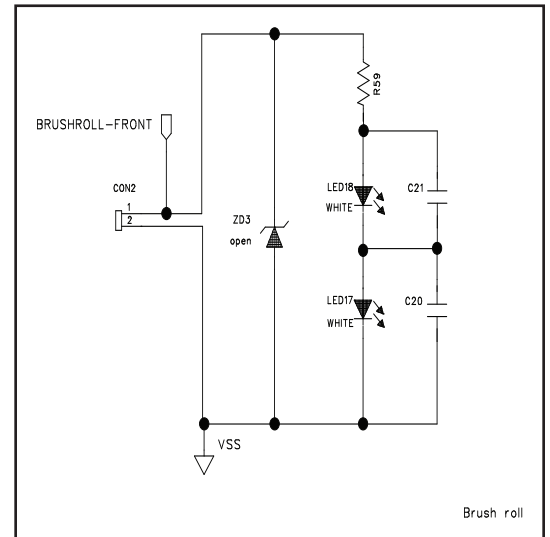
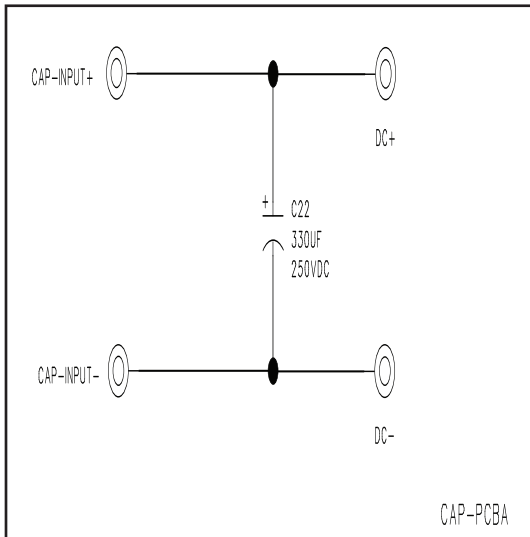
Covering the Oreck Touch® Bagless upright.

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Note: To view a current service parts list, refer to www.oreckretail.com.

Wiring Diagram





Maintenance Checklist



Check the drive belt

Not recommended unless a problem with the belt has been identified.



Check the Brushroll Assembly

Spin the roller brush to determine that the turning motion is fluid and smooth without noise or binding.



Clean the Brushroll Assembly

Clean the Brushroll Assembly of all lint, dirt, and hair, or anything that could restrict the turning motion of the brush.



Clean housing and Baseplate

Use a small brush and compressed air to clean the housing and the Baseplate. Thoroughly wipe down the outside housing and the Baseplate. A damp cloth can be used for wiping down all surfaces. DO NOT use soap or chemicals when wiping down.



Clean Dirt Cup/Filter Assembly

Use a damp cloth to wipe down the dirt cup. DO NOT use soap or chemicals. Components may also be placed in warm water.



Clean HEPA Filter

Rinse the filter in warm water. DO NOT use soap or chemicals.

Troubleshooting Chart

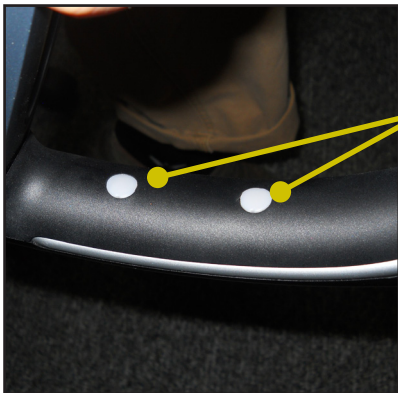
Issue	Possible Cause	Solution
Brushroll not turning	Switch not activated	Depress switch
	Debris in brushroll - Brushroll light blinking	Clean all hair and debris from the brushroll. Turn vacuum off, then back on to reset.
	Broken Belt	Check and replace belt as required
	Damaged/Worn Endcard	Replace brushroll
	Unit is in docked position	Disengage detent
Not picking up debris	Clogged hose	Remove hose wand and clear clog
Motor noise change	Broken Belt	Check and replace belt as required
	Belt is worn or damaged	Check and replace belt as required
	Clogged air filter	Check filter, clean or replace
	Clogged Inlet	Inspect intake for debris
Vacuum will not run	Unit is unplugged	Verify electrical cord is correctly plugged into a functioning power outlet
	Power cord defective	Inspect cord for defects or damage
		Replace cord

Disassembly Instructions

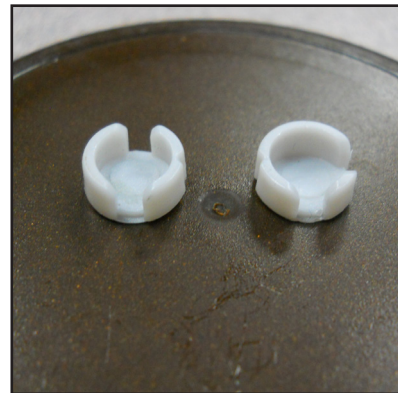
Be certain to unplug the unit while servicing except when you need to test a particular function. Always refer to your current Service Parts list for the up to date part numbers.

Replacing Handle Switch PCB - Section 1:1

1. Remove the Handle Assembly from the unit by turning the handle assembly screw counter-clockwise until it stops. Lift handle.
2. Once the handle is removed, locate the screw plugs on the underside of the handle. Gently remove the plugs with a flat head screwdriver. The plugs are keyed, so they will only fit back into their original position.

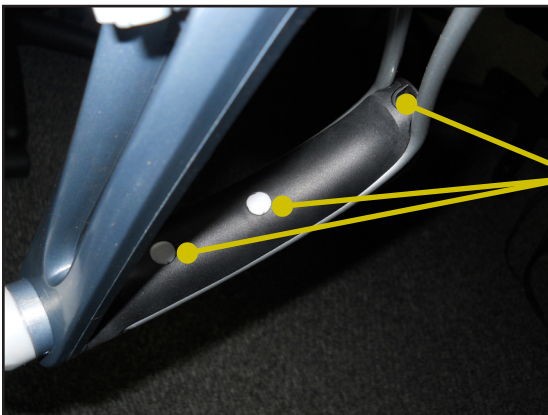


**Screw
Plugs**



**Keyed
Screw
Plugs**

3. Once the plugs are out, remove the (3) screws on the underside of the handle. Be sure to note that the front screw is shorter than the two grip screws.

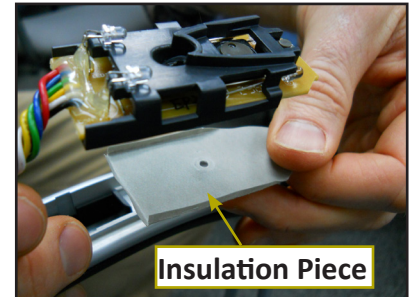
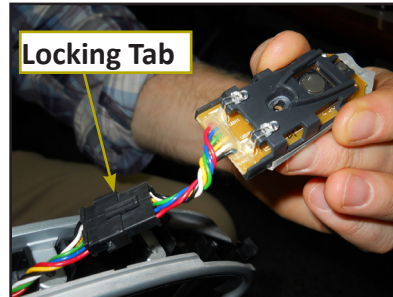


Grip Screws

4. After removing the screws, remove the top of the handle grip. Begin at the back of the grip.



5. Remove the screw from the switch bracket holder. Then gently pull the PCB up, exposing the disconnect locking tab. Be sure to save the plastic insulation piece when putting the handle back together.



6. Pinch the locking tab and pull apart to remove the old PCB. Gently slide the new PCB locking tab in place and snap together. Reverse the removal process to complete the installation of the new PCB.

Removing Hose - Section 1:2

1. Locate the hose clip on the back of the unit. Remove the two screws on each side of the hose clip.



2. Unscrew the hose connector (2 screws).
3. When placing the new hose connector in place, be sure to line up the hose connector into the notched placement and screw into place. (Ensure black rectangular gasket is installed)

Brushroll Replacement - Section 1:3

1. Rotate the hub counterclockwise to release the track and hub assembly.



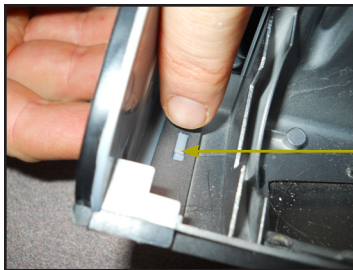
2. On the underside of the unit locate and remove the squeegee.
3. The sole plate can be removed when the squeegee is taken off, by pushing up on both sides of the sole plate by the squeegee screw holes. Take care not to break front locking tabs on the sole plate.
4. The brushroll is exposed when the sole plate is removed. The brushroll can then be removed by sliding the endcard out and then slide the brushroll out from the cogged belt.



5. When the new brushroll is installed the endcard is keyed so that it will only slide in, in one direction. Line up the cogged section of the brushroll with the belt when placing the brushroll back into the unit.

Replace Brushroll Belt - Section 1:4

1. Repeat steps 1-4 in Section 1:3. Once the brushroll has been removed, the process for accessing and removing the brushroll belt can be continued.
2. Push in keyed latch of the top cover to remove the cover. This can be done with a small flat head screwdriver. There is a top cover latch on both sides of the exposed brushroll cavity.



Top
Cover
Latch

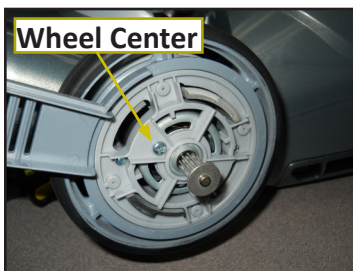


3. When the top cover is removed, the track can then be rotated downward to release from the body of the unit head. This will expose the belt. The belt is now accessible and can be removed. When placing the new belt on the pulley, be sure that the cogs in the belt and the pulley line up.



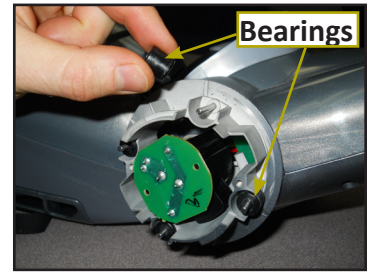
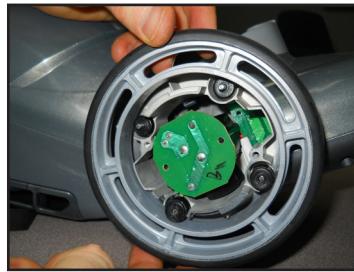
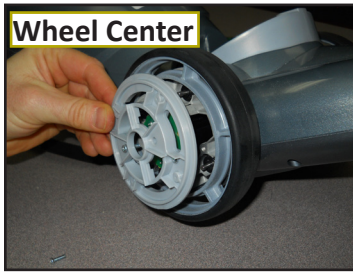
Replace Brushroll Motor / Main PCB - Section 1:5

1. Repeat steps 1-4 in section 1:3, then repeat steps 1-3 in section 1:4. The belt will not need to be replaced when replacing the brushroll motor, unless required due to wear or a broken belt.
2. Remove the screws holding the wheel center in place.



3. Remove the opposite side track and then unscrew the wheel center from that hub assembly as well.

4. Once the wheel center is removed the wheel can be removed by sliding it off its bearings. The Wheel bearings should be inspected to see if they are worn, or need cleaning, or replacement.

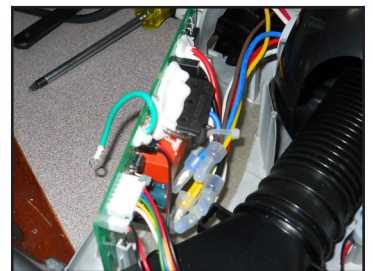
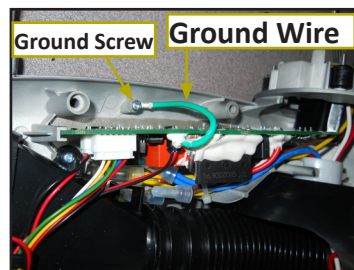
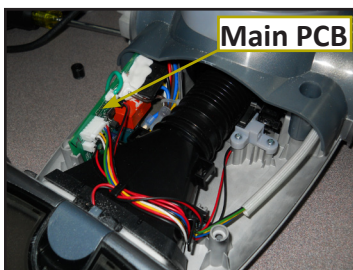


Repeat procedure of wheel removal for opposite wheel. IMPORTANT! Keep track of bearing felts.

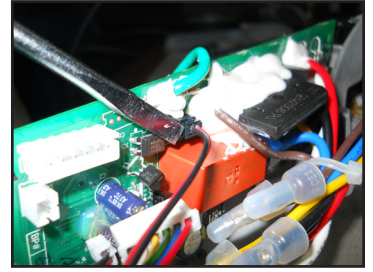
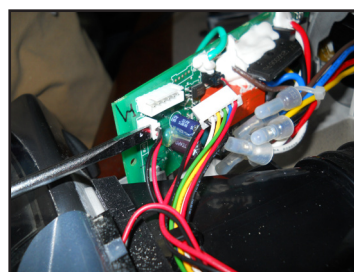
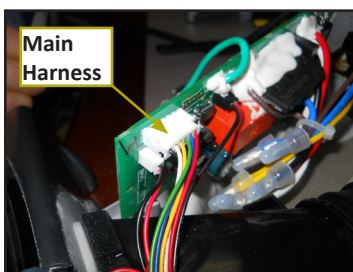
5. The baseplate will need to be removed to continue. Remove (6) screws from the baseplate.



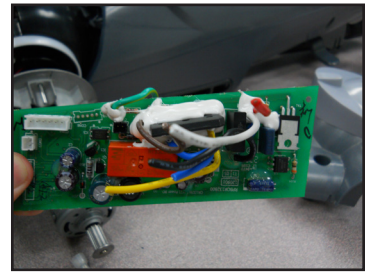
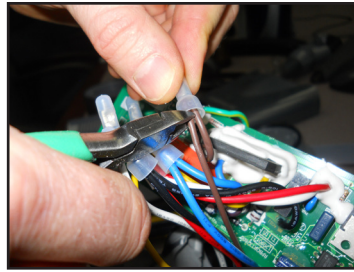
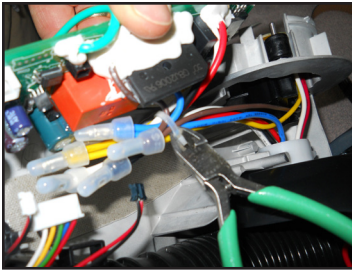
6. Using a flat head screwdriver, gently separate the top cover from the baseplate to expose the inside of the vacuum head area.
7. REPLACING MAIN PCB - CONTINUE HERE. If you are replacing the brushroll motor, then skip ahead to step 12.
8. Once the top cover is off, locate the main PCB board and the ground screw wire. Unscrew the ground wire.



9. Disconnect the main harness, then proceed with the small white harness and then small black harness.

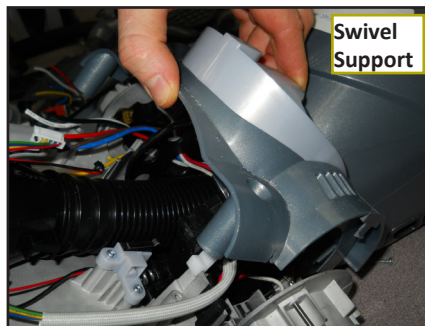


10. Cut the cable ties that bind the wiring together. The wire butts will need to be cut as close to the wire butt as possible to leave enough wire to strip and then wire nut to the new Main PCB. Be sure



to make note of the colors of wires that are linked up before disconnecting the bad PCB board and installing the new board.

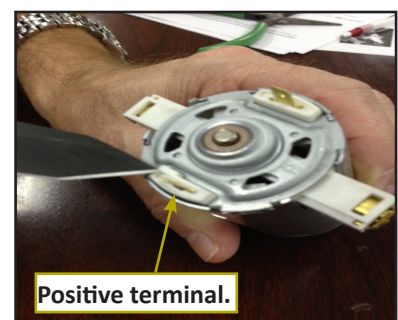
11. Strip a small length of wire at the end of the existing wires and wire butt them to the coordinating wires on the new Main PCB board. Place the board back in position. Cable ties can be used to keep the wires neatly in place. Seat the small white and small black connectors on the board, followed by the large connector. This completes the Main PCB replacement instructions. Reassemble the top cover and baseplate reversing the removal instructions prior to this procedure.
12. Continuing on to replace the belt motor, remove the swivel support where the top cover and swivel assembly meet. There are two screws to be removed allowing the support to come off.



13. Once the swivel support is removed, the brushroll motor can then freely slide out of the wheel assembly section.
14. Slide the brushroll motor out of the wheel well assembly, exposing the two wires that are



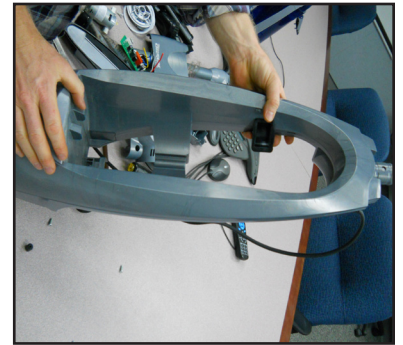
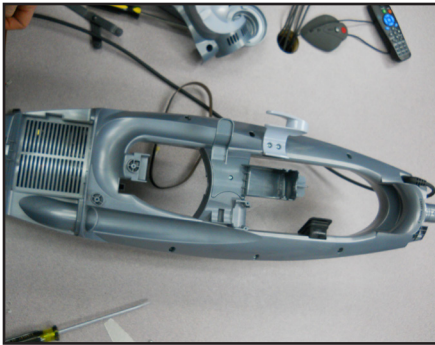
NOTE: Motor has an insulation sleeve that must be removed and installed on the new motor.



connected to the main unit. Slide the wires off of the motor. When installing the new motor, it is important to install the red lead to the positive terminal.

15. Once the motor is connected back on both terminals, slide it back into place within the wheel well. Take care not to pinch wires.
16. Place the swivel support back onto the unit and hand tighten screws in place. Be sure not to over tighten the screws, to prevent stripping the screw bosses.

Motor Replacement - Section 2:1



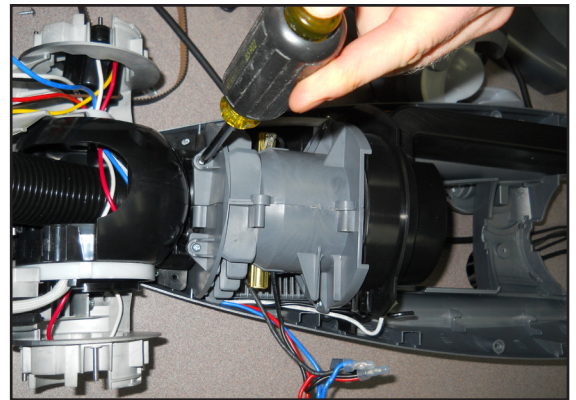
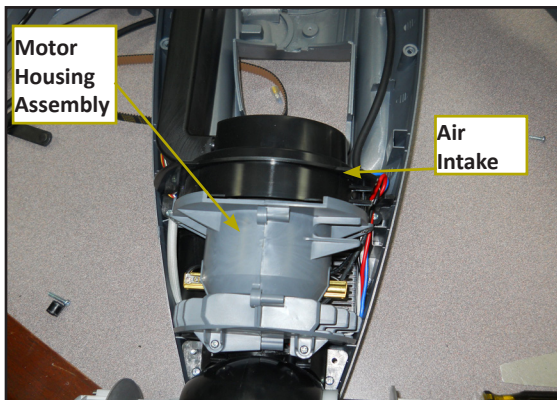
Prior to beginning, remove the handle. See section 1:1 Step 1

1. Remove the screws from the backside housing of the upper body. 14 screws in total.
2. After removing all of the screws, carefully turn the unit over. There are locking tabs around the body of the unit that need to be depressed to separate the front from the back of the unit.

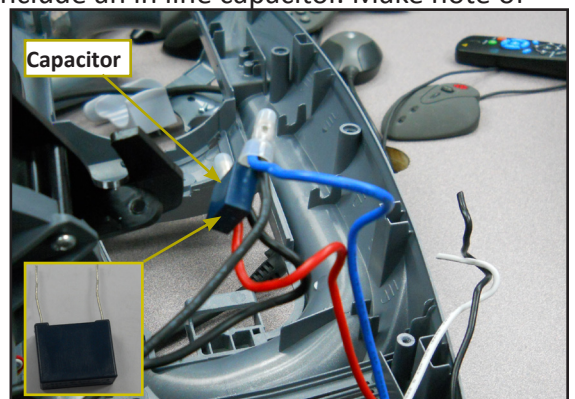
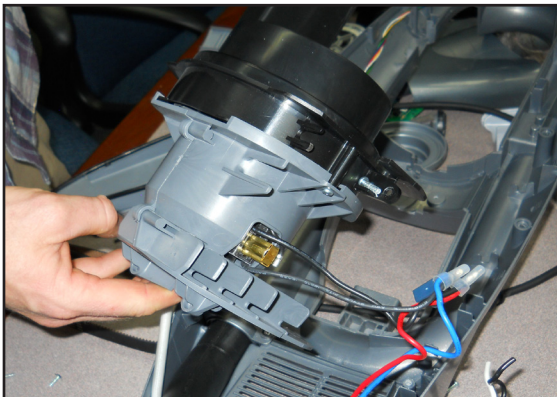


3. Once the front and back sides have been separated, the motor chamber is exposed.

4. Remove the screws that are seating the motor in the back side of the unit.



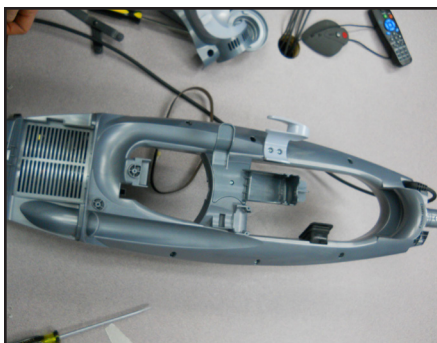
5. Unscrew the two halves of the motor housing assembly. When the motor housing assembly is removed, proceed with removing the air intake from the top of the motor mount housing assembly.
6. Cut the wires as close to the wire butts as possible, allowing remaining wire length to attach new wires with a wire nut.
7. The wiring harness that comes with the new motor will include an in line capacitor. Make note of



the wire colors when disconnecting the old motor, so that the new motor can be wired in the same configuration.

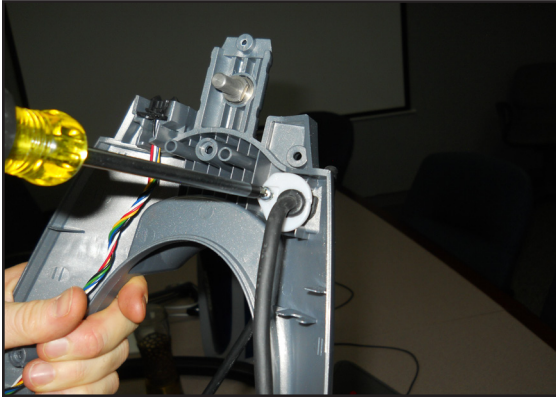
8. Reverse steps 1-2 in this procedure to reassemble unit.

Power Cord Replacement - Section 2:1



1. Remove the screws from the backside housing of the upper body.

2. After removing all of the screws, carefully turn the unit over. There are locking tabs around the body of the unit that need to be depressed to separate the front from the back of the unit.



3. Locate the cord retainer clip and unscrew (Note: The clip is in two pieces. Be careful not to lose those parts)
4. Remove the cable tie that is holding the wires together. Clip the wire butts off as close as possible to the butt, to ensure plenty of length for reconnecting the new cord.



5. Once the old cord has been clipped, pull the old cord firmly through the cord feed intake. The new cord can be fed back in through the intake, and seated properly for the cord retainer clip to be screwed back in place holding the new cord.
6. Attach the new cord wires by stripping a small area to be connected with wire nuts. Be sure that the wires are connected in the original color configuration when the old cord was removed.
7. Reverse steps 1- 2 of this procedure to reassemble the unit.

Help/Support

For more information, contact Rick Polston at rpolston@

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